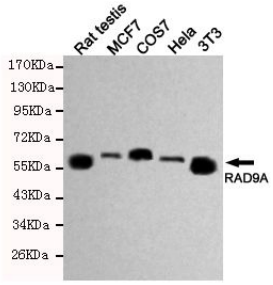
RAD9A

Mouse monoclonal Antibody

#53308

Catalog Number: 53308
Amount: 100μg/100μl
Swiss-Prot No. :Q99638
Gene name:rad9a
Gene id:5883
Clone Number： 3A3-A7-F8
Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Storage/Stability: Store at -20℃/1 year
Immunogen: Purified recombinant human RAD9A protein fragments expressed in E.coli
Purification: affinity-chromatography
Specificity/Sensitivity: This antibody detects endogenous levels of RAD9A and does not corss-react with related proteins
Reactivity: Human,Mouse,Rat,Monkey
Applications: Predicted MW: 55kd WB: 1:500



Western blot detection of RAD9A in Hela,MCF7,3T3,COS7 and Rat testis cell lysates using RAD9A mouse mAb(1:500 diluted).Predicted band size:43KDa.Observed band size:55KDa.

Background:

This gene product is highly similar to Schizosaccharomyces pombe rad9,a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair.This protein possesses 3' to 5' exonuclease activity,which may contribute to its role in sensing and repairing DNA damage.It forms a checkpoint protein complex with RAD1 and HUS1.This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage,which is thought to be important for triggering the checkpoint-signaling cascade.Alternatively spliced transcript variants encoding different isoforms have been found for this gene.